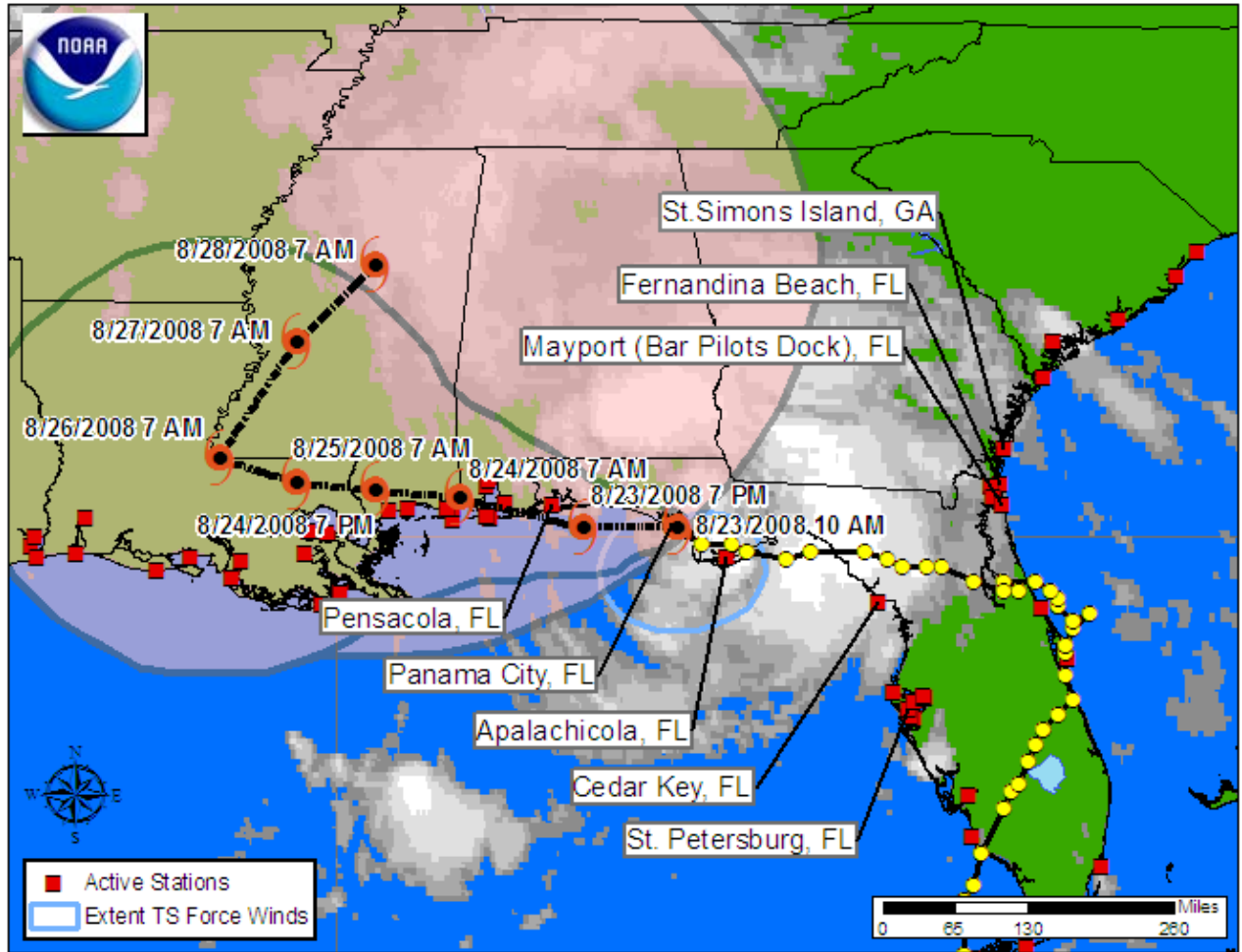




Tropical Storm FAY QuickLook
Posted: 11:30 CDT 08/23/2008

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 08/23/2008 11.30 CDT, water levels from northeastern Florida to Georgia are beginning to return to normal. They are still elevated between 0.6 to 1.1 feet above predicted. Water levels are over 0.7 feet above predictions at Cedar Key. Water levels are starting to return to normal at Apalachicola. Water levels are below predicted along the Florida panhandle. Barometric pressure is falling and wind gusts are decreasing at Panama City. Water level at St. Petersburg are returning to normal.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Cedar Key, FL: Next predicted high tide is 2.80 ft (0.85 m) at 08/23/2008 20.14 EDT.

St. Petersburg, FL: Next predicted high tide is 8.89 ft (2.71 m) at 08/24/2008 06:00 EDT.

Apalachicola, FL: Next predicted high tide is 6.59 feet (2.01 m) at 08/24/2008 07:24 EDT.

Panama City, FL: Next predicted high tide is 6.43 feet (1.96 m) at 08/24/2008 01:00 CDT.

Pensacola, FL: Next predicted high tide is 6.04 ft (1.84 m) at 08/24/2008 03:36 CDT.

St. Simons Island, GA: Next predicted high tide is 7.50 ft (2.29 m) at 08/23/2008 13:52 EDT.

Fernandina Beach, FL: Next predicted high tide is 6.08 ft (2.07 m) at 08/23/2008 14:30 EDT.

Mayport Bar Pilots, FL: Next predicted high tide is 5.20 ft (1.58 m) at 08/23/2008 14:18 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services website](#). For more information or archived products and reports, please see the [Storm QuickLook Homepage](#).

Analyst: TB

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

**TROPICAL STORM FAY ADVISORY NUMBER 32
1000 AM CDT SAT AUG 23 2008**

...FAY STILL DRENCHING THE FLORIDA BIG BEND AND THE PANHANDLE

**AT 10 AM CDT THE TROPICAL STORM WARNING IS EXTENDED
SOUTHWARD ALONG THE NORTHERN GULF COAST TO THE MOUTH OF THE
MISSISSIPPI RIVER. A TROPICAL STORM WARNING IS NOW IN EFFECT FOR
THE NORTHEASTERN GULF COAST FROM SUWANEE RIVER FLORIDA WESTWARD
TO THE MOUTH OF THE MISSISSIPPI. A TROPICAL STORM WARNING MEANS
THAT TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA
WITHIN THE NEXT 24 HOURS.**

**A TROPICAL STORM WATCH REMAINS IN EFFECT WEST OF THE MOUTH OF THE
MISSISSIPPI RIVER TO GRAND ISLE LOUISIANA INCLUDING METROPOLITAN
NEW ORLEANS AND LAKE PONTCHARTRAIN. A TROPICAL STORM WATCH MEANS
THAT TROPICAL STORM CONDITIONS ARE POSSIBLE WITHIN THE WATCH
AREA GENERALLY WITHIN 36 HOURS.**

**AT 1000 AM CDT THE CENTER OF TROPICAL STORM FAY WAS
LOCATED NEAR 100 MILES EAST-SOUTHEAST OF PENSACOLA FLORIDA.**

**FAY IS MOVING TOWARD THE WEST NEAR 7 MPH AND THIS MOTION IS EXPECTED TO
CONTINUE DURING THE NEXT DAY OR TWO. ON THE FORECAST TRACK FAY WILL BE
NEAR OR OVER THE GULF COAST OF THE WESTERN FLORIDA PANHANDLE TODAY AND
TONIGHT AND NEAR OR OVER THE GULF COAST OF MISSISSIPPI AND ALABAMA ON
SUNDAY.**

MAXIMUM SUSTAINED WINDS ARE NEAR 45 MPH WITH HIGHER GUSTS. NO SIGNIFICANT CHANGE IN INTENSITY IS EXPECTED DURING THE NEXT 24 TO 36 HOURS.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 90 MILES FROM THE CENTER MAINLY OVER WATER SOUTH OF THE CENTER.

STORM SURGE FLOODING OF 2 TO 4 FEET ABOVE NORMAL TIDE LEVELS POSSIBLE IN THE WARNING AREA IN AREAS OF ONSHORE WINDS. ABOVE NORMAL TIDES ALONG THE GEORGIA AND FLORIDA ATLANTIC COAST SHOULD SUBSIDE TODAY.

FAY IS EXPECTED TO PRODUCE TOTAL RAINFALL ACCUMULATIONS OF 6 TO 12 INCHES OVER THE NEXT TWO DAYS ACROSS THE WESTERN PORTION OF THE NORTHERN FLORIDA PENINSULA THE FLORIDA PANHANDLE SOUTHWESTERN GEORGIA THE SOUTHERN AND CENTRAL PORTIONS OF BOTH MISSISSIPPI AND ALABAMA AND EASTERN LOUISIANA WITH ISOLATED MAXIMUM AMOUNTS OF 20 INCHES POSSIBLE. ADDITIONAL RAINFALL ACCUMULATIONS OF 1 TO 3 INCHES ARE POSSIBLE OVER THE REMAINDER OF THE FLORIDA PENINSULA AND SOUTHEASTERN GEORGIA.

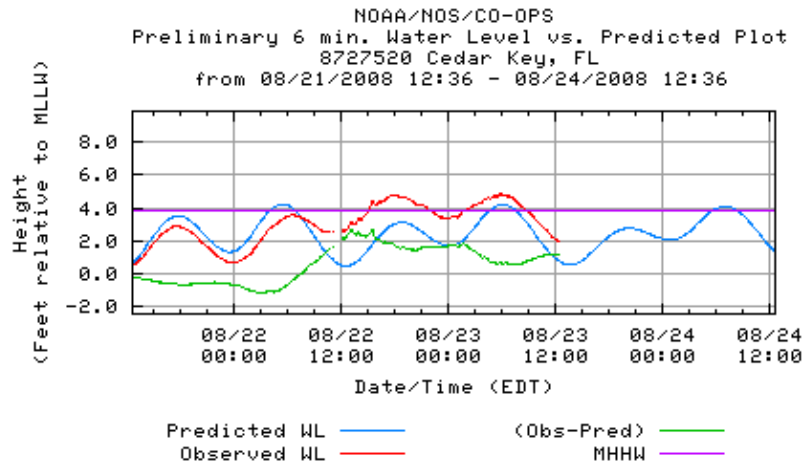
ISOLATED TORNADOES ARE POSSIBLE TODAY AND TONIGHT IN PORTIONS OF NORTHERN FLORIDA SOUTHERN GEORGIA AND SOUTHERN ALABAMA.

FORECASTER AVILA

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Cedar Key - Water Level](#), [St. Petersburg - Water Level](#), [St. Petersburg - Air/Water Temp](#), [St. Petersburg - Winds](#), [St. Petersburg - Barometric](#), [Apalachicola - Water Level](#), [Apalachicola - Air/Water Temp](#), [Apalachicola - Winds](#), [Apalachicola - Barometric](#), [Panama City - Water Level](#), [Panama City - Air/Water Temp](#), [Panama City - Winds](#), [Panama City - Barometric](#), [Pensacola - Water Level](#), [Pensacola - Air/Water Temp](#), [Pensacola - Winds](#), [Pensacola - Barometric](#), [St.Simons Island - Water Level](#), [Fernandina Beach - Water Level](#), [Mayport \(Bar Pilots Dock\) - Water Level](#),

Cedar Key, FL - Station Map [Return to List](#)

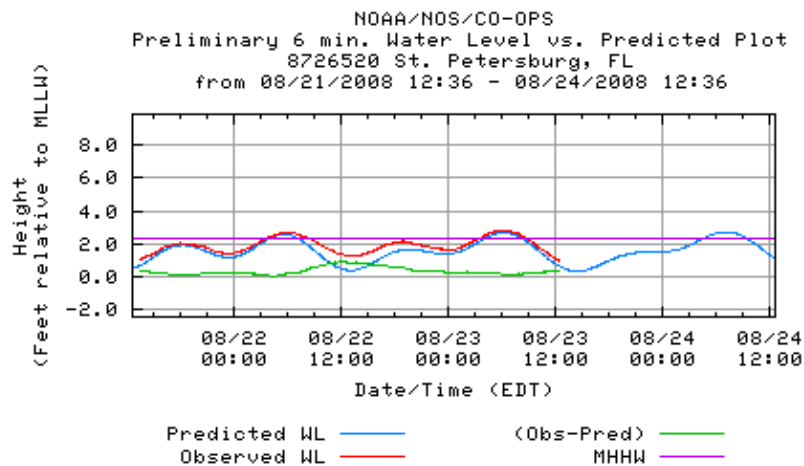


Last Observed Sample: 08/23/2008 12:24 (EDT)

Relative to **MLLW**: **Observed: 1.94 ft. Predicted: 0.75 ft. Residual: 1.19 ft.**

Historical Maximum Water Level: 10/07/1996, 5.15 ft. above **MHHW**

St. Petersburg, FL - Station Map [Return to List](#)

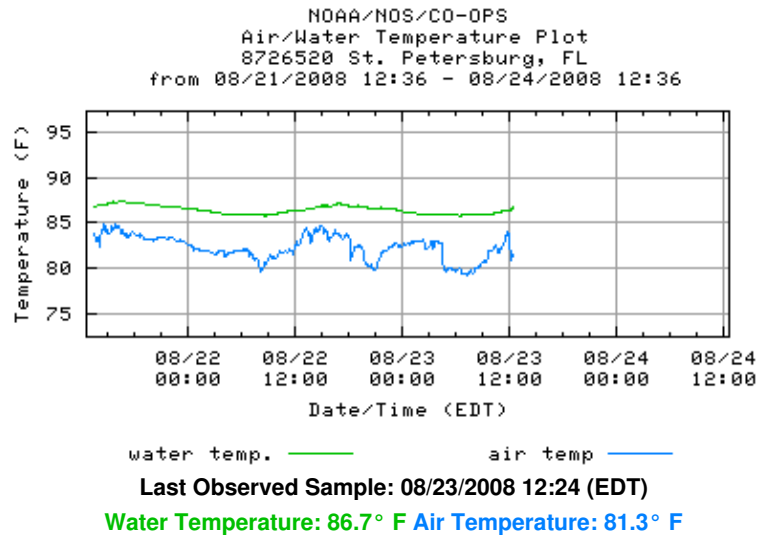


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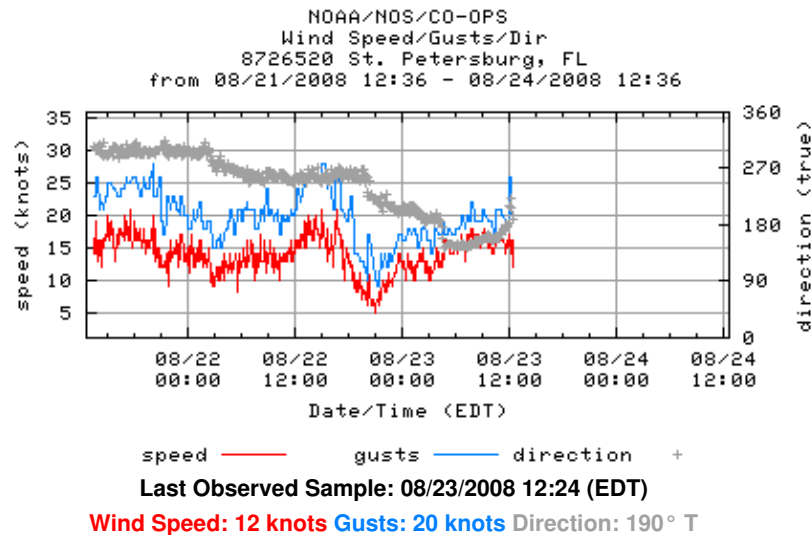
Relative to **MLLW**: **Observed: 0.97 ft. Predicted: 0.64 ft. Residual: 0.33 ft.**

Historical Maximum Water Level: 08/31/1985, 4 ft. above **MHHW**

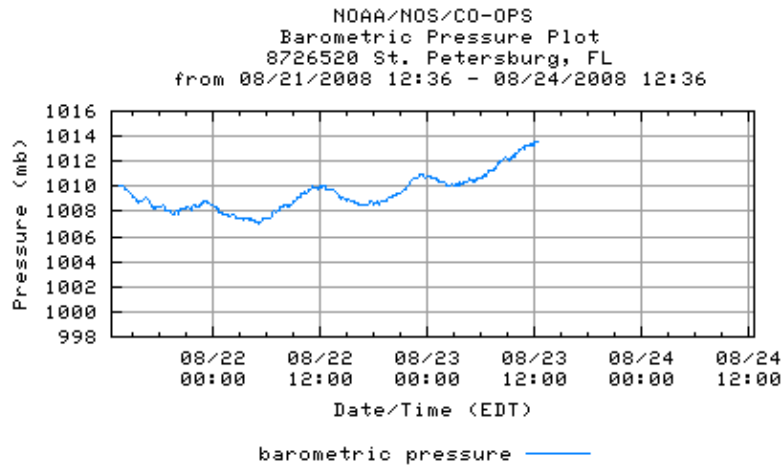
St. Petersburg, FL - Station Map [Return to List](#)



St. Petersburg, FL - Station Map [Return to List](#)



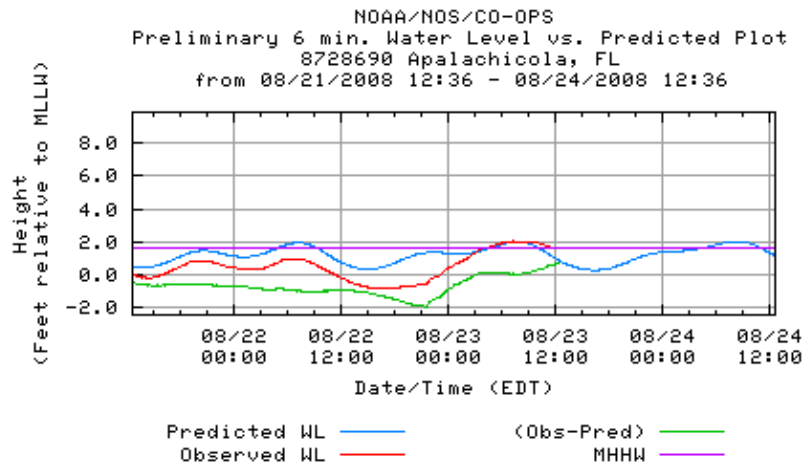
St. Petersburg, FL - Station Map [Return to List](#)



Last Observed Sample: 08/23/2008 12:24 (EDT)

Barometric Pressure: 1013.5 mb

Apalachicola, FL - Station Map [Return to List](#)

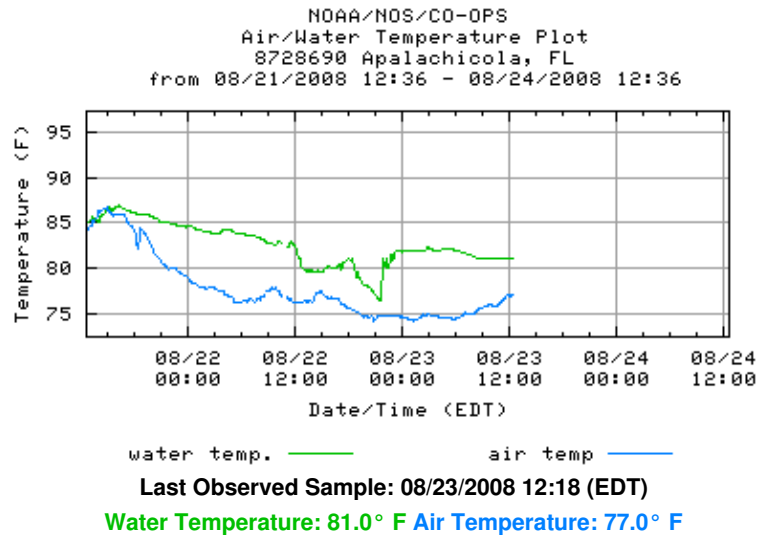


Last Observed Sample: 08/23/2008 12:18 (EDT)

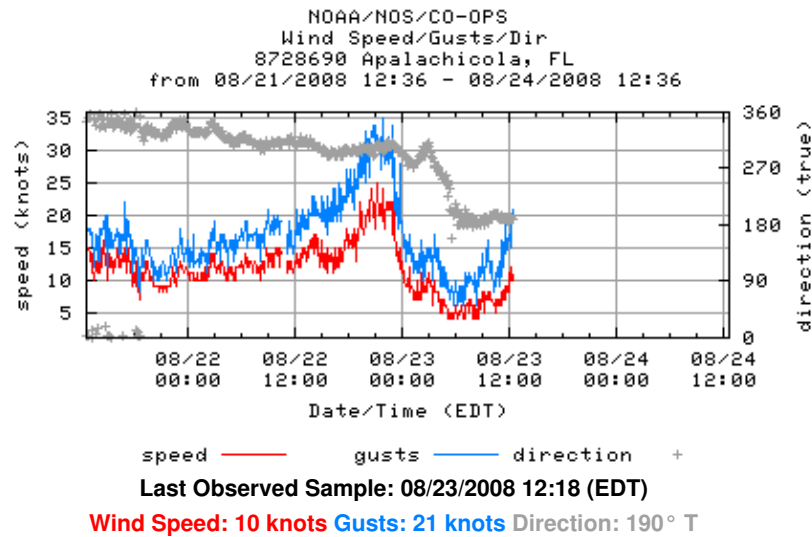
Relative to **MLLW**: **Observed: 1.56 ft. Predicted: 0.88 ft. Residual: 0.68 ft.**

Historical Maximum Water Level: 11/21/1985, 5.69 ft. above **MHHW**

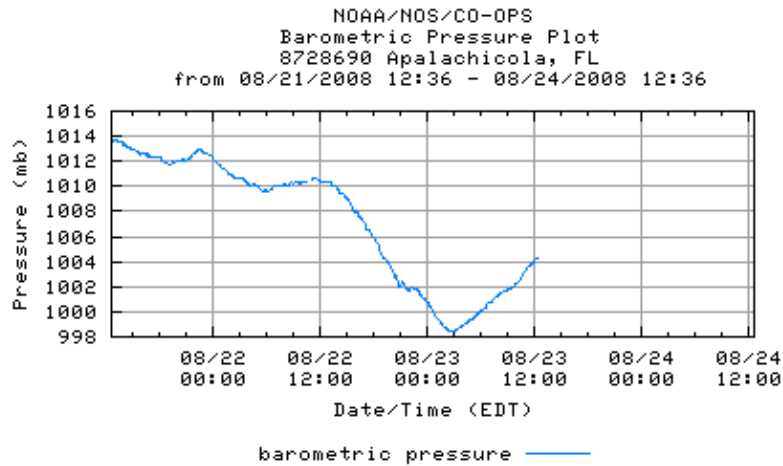
Apalachicola, FL - Station Map [Return to List](#)



Apalachicola, FL - Station Map [Return to List](#)



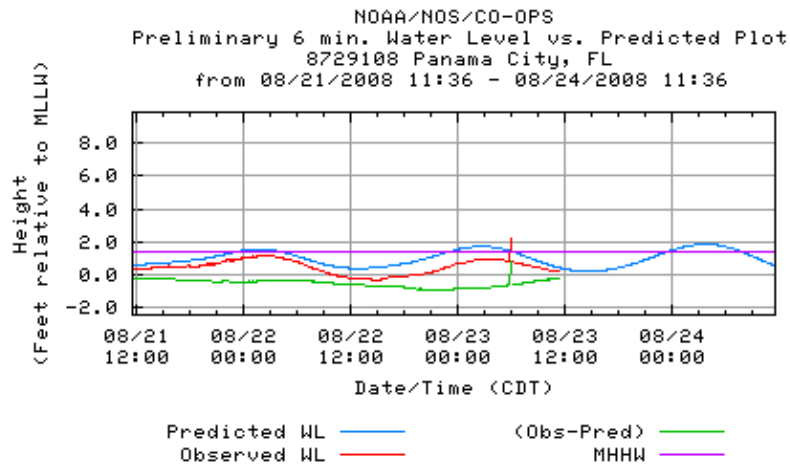
Apalachicola, FL - Station Map [Return to List](#)



Last Observed Sample: 08/23/2008 12:18 (EDT)

Barometric Pressure: 1004.2 mb

Panama City, FL - Station Map [Return to List](#)

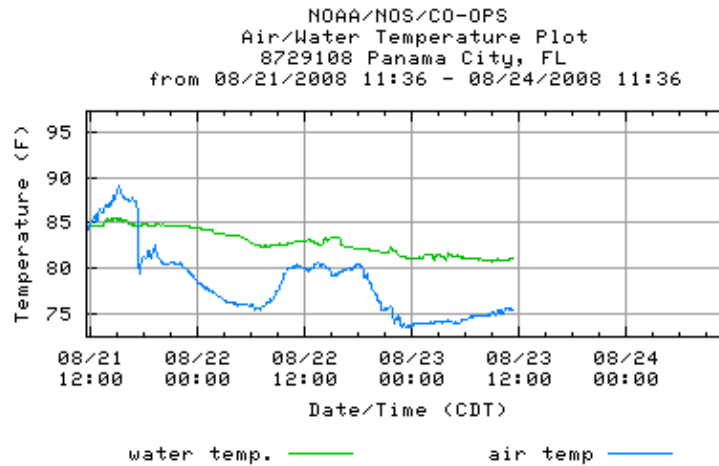


Last Observed Sample: 08/23/2008 11:18 (CDT)

Relative to **MLLW**: Observed: 0.21 ft. Predicted: 0.43 ft. Residual: -0.22 ft.

Historical Maximum Water Level: 10/04/1995, 5.72 ft. above **MHHW**

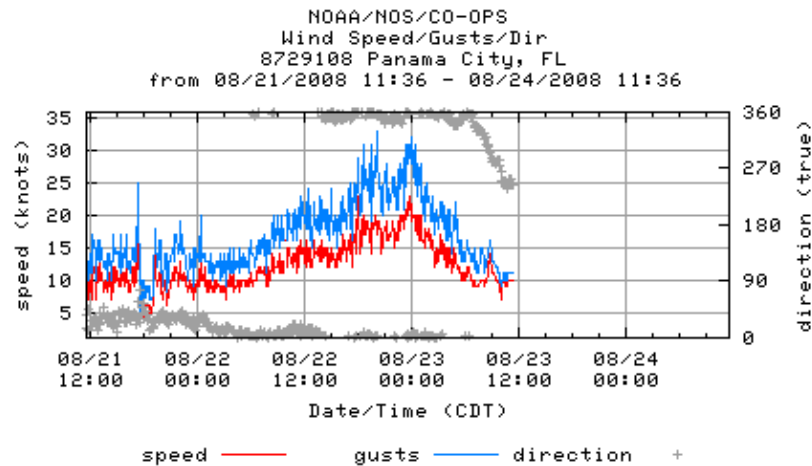
Panama City, FL - Station Map [Return to List](#)



Last Observed Sample: 08/23/2008 11:18 (CDT)

Water Temperature: 81.0° F Air Temperature: 75.4° F

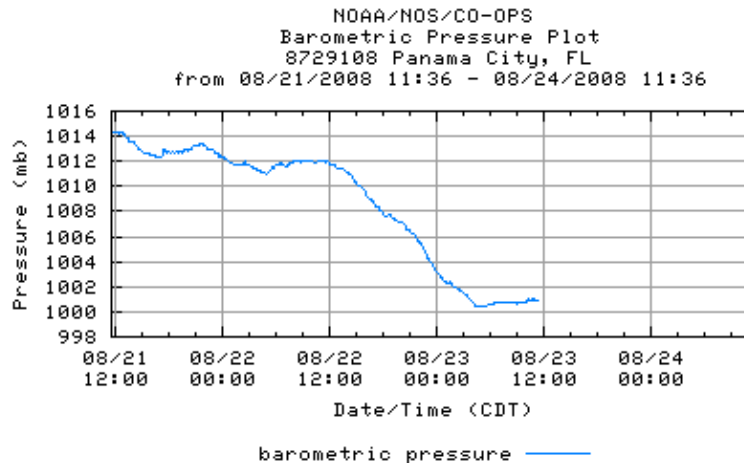
Panama City, FL - Station Map [Return to List](#)



Last Observed Sample: 08/23/2008 11:18 (CDT)

Wind Speed: 10 knots Gusts: 11 knots Direction: 244° T

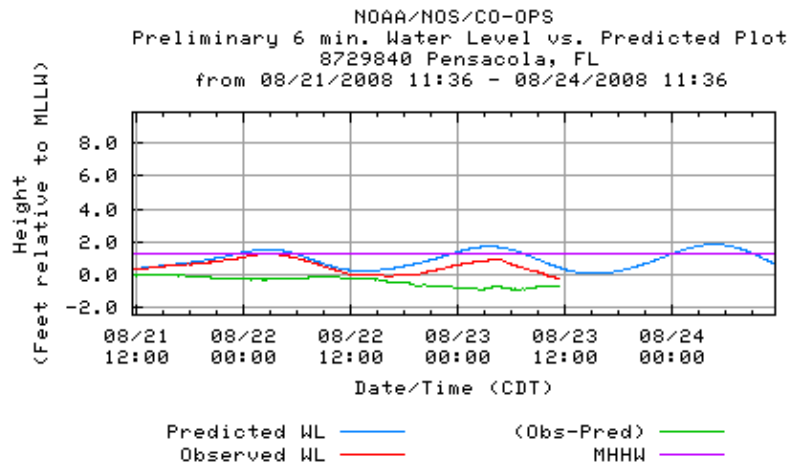
Panama City, FL - Station Map [Return to List](#)



Last Observed Sample: 08/23/2008 11:18 (CDT)

Barometric Pressure: 1000.9 mb

Pensacola, FL - Station Map [Return to List](#)

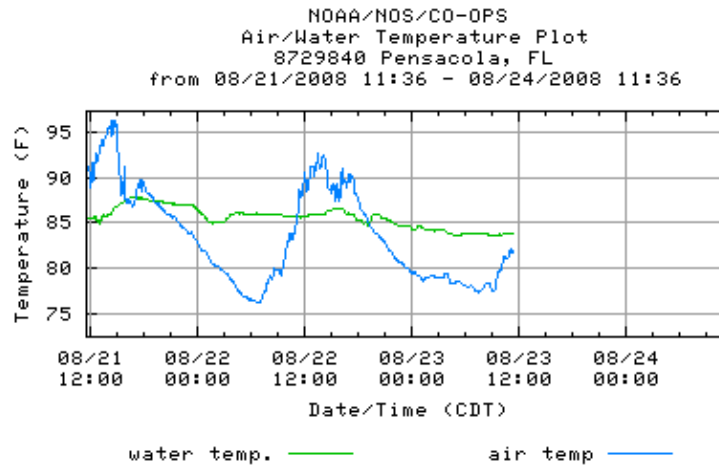


Last Observed Sample: 08/23/2008 11:18 (CDT)

Relative to **MLLW**: Observed: -0.26 ft. Predicted: 0.44 ft. Residual: -0.70 ft.

Historical Maximum Water Level: 09/18/1926, 7.41 ft. above **MHHW**

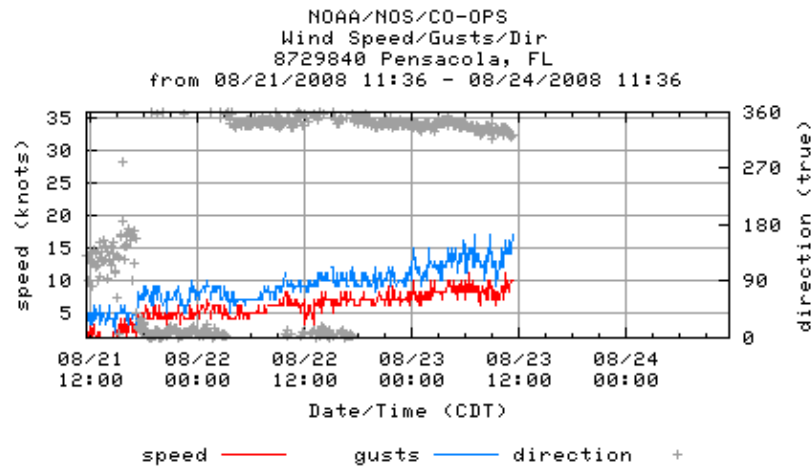
Pensacola, FL - Station Map [Return to List](#)



Last Observed Sample: 08/23/2008 11:18 (CDT)

Water Temperature: 83.7° F Air Temperature: 81.7° F

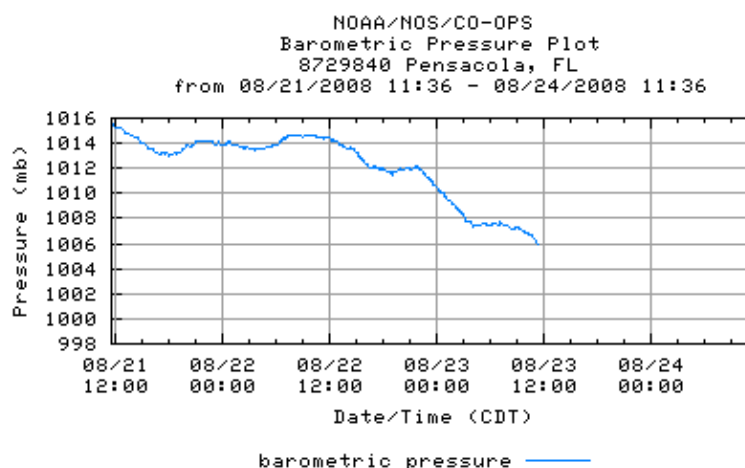
Pensacola, FL - Station Map [Return to List](#)



Last Observed Sample: 08/23/2008 11:18 (CDT)

Wind Speed: 10 knots Gusts: 17 knots Direction: 324° T

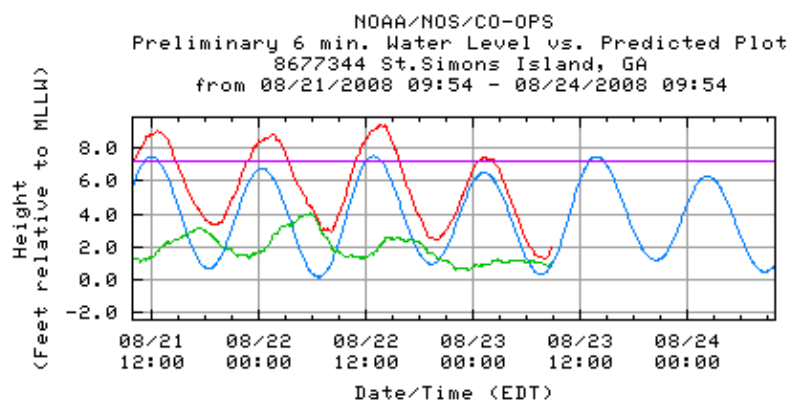
Pensacola, FL - Station Map [Return to List](#)



Last Observed Sample: 08/23/2008 11:18 (CDT)

Barometric Pressure: 1006.0 mb

St.Simons Island, GA - Station Map [Return to List](#)

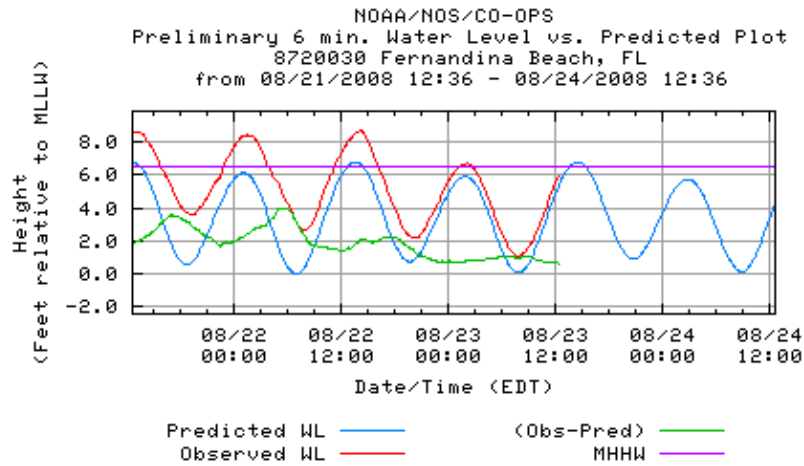


Last Observed Sample: 08/23/2008 08:54 (EDT)

Relative to **MLLW**: Observed: 1.94 ft. Predicted: 0.93 ft. Residual: 1.01 ft.

Historical Maximum Water Level: 07/22/2001, 2.41 ft. above **MHHW**

Fernandina Beach, FL - Station Map [Return to List](#)

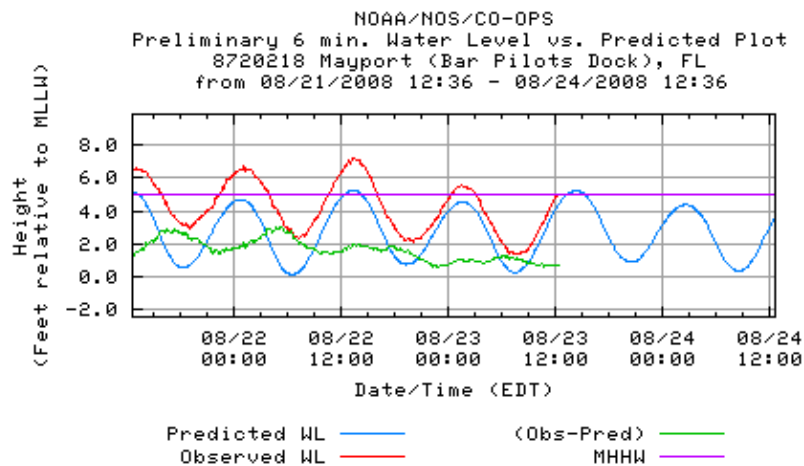


Last Observed Sample: 08/23/2008 12:24 (EDT)

Relative to **MLLW**: **Observed: 5.95 ft. Predicted: 5.41 ft. Residual: 0.54 ft.**

Historical Maximum Water Level: 10/02/1898, 6.94 ft. above **MHHW**

Mayport (Bar Pilots Dock), FL - Station Map [Return to List](#)



Last Observed Sample: 08/23/2008 12:18 (EDT)

Relative to **MLLW**: **Observed: 5.04 ft. Predicted: 4.36 ft. Residual: 0.68 ft.**

Historical Maximum Water Level: 09/17/2001, 2.15 ft. above **MHHW**

Tropical Storm FAY QuickLook, POSTED 11:30 CDT 08/23/2008

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce